

energized

Volume 6

THE MONTHLY NEWSLETTER FOR ENERGY MANAGERS AND PUBLIC AFFAIRS OFFICERS

Issue 3

Message to Energy Managers:

Earth Day provides a terrific opportunity to promote energy and water awareness among co-workers, family, friends, and local community—and have a good time doing it. Do it!

Congratulations to Atlantic Undersea Test and Evaluation Center (AUTEC), double winner of both the 2000 Secretary of the Navy Energy Award in the Small Activity Category and a 2000 DOE Energy Efficiency/Energy Management Award to an Organization.

You all know the importance of monitoring to gauge the extent of our energy project savings. World Watch Institute monitors energy and environmental progress on a national and worldwide basis. Check it out.

Sincerely,



William F. Tayler

Navy and Marine Corps Celebrate Earth Day 2001 at the Navy Memorial

What Are You Doing?

Navy and Marine Corps will celebrate Earth Day 2001 at the U.S. Navy Memorial in Washington, D.C. on Wednesday, 18 April 2001 with displays, a concert and other events. The outdoor celebration will be held from 10:00 a.m. to 2:00 p.m. and is expected to attract thousands of families and school children that will be in the nation's Capital for spring break. The rain date is Thursday, 19 April 2001.

The theme for this year's event is "New Technology for a Clean Environment." The DON Energy Program is certainly a leader in

testing, demonstrating, and using new technologies to promote a clean environment. Now is the time to show with pride your activity's use

of sustainable development, renewable energy, alternative fuel vehicles (AFVs), and state-of-the-art high efficiency water and energy products.

AFVs, activities for children, a visit by EQ Pelican (Navy's environmental quality mascot), displays, and a mid-day concert by The Commodores (Navy

Band's jazz ensemble) will round out the day's events. If you're in the Washington, DC area, plan to attend. If not, what are you doing in your area to celebrate?



Navy Memorial, Washington, DC

DON Energy Awareness Website: Access the tools on the Navy Energy website for ideas, planning tips, and tools. Set your browser to <<http://energy.navy.mil>> and scroll down the left-hand column to the Awareness pick.



Set up a suggestion box for base personnel to submit energy- and water-saving ideas.

Buy office equipment, home appliances, and other items with the Energy Star label.

Eliminate unconscious or uncaring neglect. Turn off the lights when you're the last one to leave the room.

Turn off air to compressed air tools when not in use.

Don't turn on your PC until you need it. A survey found 70% of computers were on in a typical office building, but only 30% were in use. Would you turn on your car and leave it running just so you could use it later on?

Repair or replace items in disrepair or that are inefficient. Report steam leaks immediately.

Steam heating systems need insulation. If you see any insulation missing or in poor repair, submit a work order or call maintenance.

Locate and repair compressed air leaks. Check air tool fittings for physical damage.

Check for leaking faucets and toilets.

Be a Book Worm! Be a Green Worm!

To help set the stage for Earth Day 2001, the Department of the Navy (DON) Energy Program is distributing bookmarks imprinted with the DON Energy Efficiency logo and containing a holographic image of the Earth. Use them as prizes or distribute to participants in Earth Day events such as 5k and 10k walks and runs, bike races, and golf tournaments.



More Fun Earth Day Ideas

Ask the manager of your local grocery, supermarket, or base store to lend you a stack of large paper grocery bags. Explain your intention of using them as a key part of Earth Day promotion. Then provide them to your Youth Centers, asking the children to create Earth Day artwork on the bags. Several days before Earth Day, pick up the decorated grocery bags and return them to the store manager to distribute to customers. It's a great way to get the word out in the community. For more information, check out the Earth Day Groceries Project at <http://www.earthdaybags.org/>.

Visit the Planetpals Earth Day website for games, puzzles, electronic stickers, musical e-mail messages, craft pages, and activities for young children, plus much more at <http://www.planetpals.com/earthday.html>.



Make Earth Day a Magical Event

Use the Energy Manager's CD-ROM (marked Energy and Water Savings Programs) distributed for last year's Energy Awareness Week to create fun Earth Day events. The folder named Energy-Water Fun Kit contains the same Children's Energy and Water Fun Kit that was distributed separately last fall on CD-ROM to all Youth Centers. The Fun Kit focuses on energy and water conservation and taps into the theme of magic, mystery, and mythology.

Ask MWR to purchase T-shirts and decorate them with the T-shirt transfer designs found in the Fun Kit. They'll make great prizes!

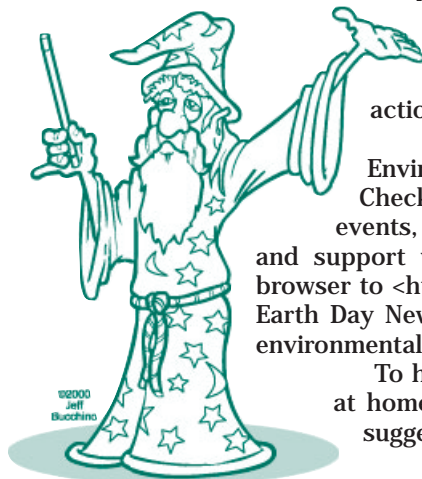
Print out the coloring pages and stage a coloring contest for young children.

Print and hand out the crossword puzzlers, word search puzzlers, ozone layer comic book, PICLISH (Picture/English) Rebus puzzler, and mazes. Don't forget the folder marked Readings on Magic. The contents make perfect handouts for Earth Day. The

"Magic Show" article will entrap children into the magic of saving energy and water, and no one is too old to learn from the "Good Book of Spells," a great source of energy and water saving actions everyone should do.

Be a team player, and coordinate with your Environmental office and local community events. Check out the Earth Day Network website to post your events, check on other Earth Day events in your area, and support worldwide clean energy campaigns. Set your browser to <http://www.earthday.net/>. Be sure to sign up for Earth Day News, an e-mail service to keep you up-to-date on environmental issues and Earth Day events around the world.

To help plan your specific Earth Day events at work, at home, or at school, check out these comprehensive suggestions: <http://www.earthday.net/howto/>.



SECNAV ENERGY AWARD WINNERS

AUTEC Wins Awards; *The Environment is the Real Winner*

Atlantic Undersea Test and Evaluation Center (AUTEC), Andros Island, The Bahamas, is a double winner:

- Winner of the FY99 Secretary of the Navy Energy Award in the Small Activity Category—receiving a monetary award of \$30,000 and the privilege of flying the SECNAV energy flag for one year.
- Winner of a 2000 U.S. Department of Energy Federal Energy Management Program (FEMP) Energy Efficiency/Energy Management Award to an Organization.

AUTEC implemented in FY99 a "Green Island" Program to conserve natural resources and reduce all forms of pollution, reducing energy costs and harmful emissions.

AUTEC installed solar water heaters on a new barracks equipped with energy-efficient lighting and appliances. The National Renewable Energy Laboratory, a U.S. Department of Energy (DOE) national laboratory, and DOE selected AUTEC as a "Million Solar Roofs Program" site, awarding AUTEC a \$75K grant to install additional solar water heaters on four multi-family housing units.

AUTEC demonstrated its leadership in electric vehicles (EVs) by adding six more EVs in 1999,

bringing AUTEC's battery-powered ground fleet to 78 vehicles. Eleven Neighborhood Electric Vehicles, ordered in 1999, were recently delivered.

AUTEC also expanded its battery-powered ground fleet capabilities in 1999 by entering into an agreement with Naval Facilities Engineering Service Center to evaluate eight electric pickup trucks, enabling personnel to reach remote Site 2 for the first time using EVs.

The high cost of disposing of large numbers of mercury-bearing fluorescent lamps at \$1.50 a pound has

hindered the implementation of a cost-effective group relamping program. AUTEC came up with a solution by ordering a mercury-recovering bulb crusher to separate glass from the hazardous waste, mercury.

AUTEC continued replacing its water distribution system, which consists of 1960s vintage piping that has aged prematurely in the island's high salt environment. Costing \$500,000, the replacement will save over \$100,000 a year.

For more information, contact Ron Miller, Energy Program Manager, 401-832-7010; E-mail: MillerRF@NPT.NUWC.NAVY.MIL

Navy and Marine Corps Earth Day 2001 Word Search

Find these Earth Day-related words in the puzzle:

(Words may be horizontal, vertical, diagonal, backwards, or forward.)

Awareness
Compost
Conservation
Daylighting
Earth
Efficiency
Emissions
Energized
Energy
Fair
Geothermal
Global
Green
Habit

Habitat
Hydrogen
Hydropower
Marine
Navy
Planet
Pollution
Recycle
Renewable
Sailor
Save
Ship
Shore
Showcase

Solar
Steam
Sun
Team
Thermal
Trees
Utilities
Waste
Water
Wind

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E E G L N C O M P O S T E A M
L K N H Y D R O G E N E R G Y
C E I O P G L O B A L C H D W
Y S T G I L G H T R A E G A L
C A H T U T I L I T I E S U W
E C G T S H A B I T A T Y A A
R W I P H T N V Y R E C T T F
E O L S O A W A R E N E S S A
N H Y D R O P O W E R W H U M
E S A V E G E M I S S I O N S
W L D U R N Y C A Y P N A T O
A E N E R G I Z E D V D O F L
B D E Y Q F W R O L I A S C A
L N P V F G P L A N E T N G R
E O G E O T H E R M A L K O F
  
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Check it out

Worldwatch Institute

Worldwatch Institute is a nonprofit public policy research organization dedicated to fostering the evolution of an environmentally sustainable society—one in which human needs are met in ways that do not threaten the health of the natural environment or the prospects of future generations. Worldwatch informs policymakers and the public about emerging global problems and trends and the complex links between the world economy and its environmental support systems.

Worldwatch Institute produces a wide range of publications, including an annual State of the World book; annual Vital Signs paperback or databases/data sets available for sale via download from their website; a bimonthly magazine; and periodic papers. Although a major focus is on non-energy environmental issues, energy efficiency and renewable energy play a relevant role. Many energy facts and statistics on wind and solar energy, and compact fluorescents, appearing in energized and on the Navy Energy website, come from the State of the World books and Vital Signs data. A recent paper, Paper 151, is entitled Micropower: The Next Electrical Era. Selected articles from World Watch Magazine are available for free downloading in PDF format after filling out an online registration form. Register online also to receive free e-mail updates. Set your browser to <www.worldwatch.org>.

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Watts News?

We want to hear from you.

Tell us about the energy initiatives you're working on, the problems you encounter, and the solutions you discover.

Submit article ideas, comments, or questions to:

Dean Ryan Consultants & Designers, Inc.

1733 King Street, Third Floor

Alexandria, VA 22314

Phone: (703)548-8115

Fax: (703)548-6855

email: lippertj@deanryan.com

Be sure to include your name and commercial phone number.

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NAVY / MARINE CORPS

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Department of the Navy
Commanding Officer
NFESC
Code: ESC 22
1100 23rd Avenue
Port Hueneme, CA 93043-4370